(Only for new nonprovisional applications under 37 CFR 1.53(b))

Docket No. PENN-0857

Total Pages in this Submission

TO THE COMMISSIONER FOR PATENTS

Mail Stop Patent Application P.O. Box 1450 Alexandria, VA 22313-1450

| Transmitted herewith | for filing under | 35 U.S.C. | 111(a) | and 37 C | .F.R. 1 | .53(b) is a | new utility | patent a | pplication f | or an |
|----------------------|------------------|-----------|--------|----------|---------|-------------|-------------|----------|--------------|-------|
| nvention entitled: | | | | | | | | | | |

| inven | tion e | ntitle | d: | | | _ | | | | |
|-------------|--------|--|--|-------|------------------|--------|-----------------|-------------------|----------------------------|--|
| SII | MPLI | FIEL |) USE | OF: | | | | NING AND cDNA | LIBRARY CONSTRUCTION | NO N |
| and ir | vente | ed by | : | | | | | | | 5.4 |
| Eb | erwin | ie and | d Madi | ison | | | | | | 221 |
| If a C | CONT | INUA | ATION | ΑP | PLICATION, | chec | k appropria | te box and supply | the requisite information: | |
| \boxtimes | Conti | inuat | tion | | Divisional | | Continuat | ion-in-part (CIP) | of prior application No.: | 09/194,513 |
| Whic | h is a | : | | | | | | | | • |
| \boxtimes | Conti | inuat | tion | | Divisional | | Continuat | ion-in-part (CIP) | of prior application No.: | PCT/US97/06957 |
| Whic | h is a | : | | | | | | | | |
| | Conti | inuat | tion | | Divisional | | Continuat | ion-in-part (CIP) | of prior application No.: | |
| Enclo | osed a | are: | | | | | | | | |
| | | | | | | | Applic | ation Elements | | • |
| 1. | × | Filir | ng fee | as c | alculated and | l trar | smitted as | described below | | |
| 2. | × | Spe | ecificat | ion I | having | | 8 | pages and i | ncluding the following: | |
| | a. | × | Desc | rinti | ve Title of the | inve | ention | | | |
| | | | | | | | | | | |
| | b. | X | | | | | | | | |
| | C. | | Statement Regarding Federally-sponsored Research/Development (if applicable) | | | | | | | |
| | d. | Reference to Sequence Listing, a Table, or a Computer Program Listing Appendix | | | | | | | | |
| | e. | × | Back | gro | und of the Inv | entic | on | | | |
| | f, | × | Brief | Sur | nmary of the | Inver | ntion | | | |
| | g. | \boxtimes | Brief | Des | scription of the | e Dra | awings (if file | ed) | | |
| | h. | × | Deta | iled | Description | | | | | |
| | i. | × | Clain | n(s) | as Classified | Belo |)W | | | |
| | j. | × | Abstı | ract | of the Disclos | sure | | | • | |

.(

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Docket No. PENN-0857

Total Pages in this Submission

Application Elements (Continued)

| \boxtimes | Dra | wing(s) (whe | en nece | ssary as prescribed b | ıy 35 L | JSC 113) | 333 | | | |
|-------------|--|--------------------------------|---------------------|---|--|--|---|--|--|--|
| a. | | Formal | Nun | nber of Sheets | | | 330. | | | |
| b. | X | Informal | Nun | nber of Sheets | | 5 | —————————————————————————————————————— | | | |
| × | Oat | th or Declarat | tion | | | | 22 | | | |
| a. | | Newly exec | outed (o | riginal or copy) | □ u | Jnexecuted | | | | |
| b. | \boxtimes | Copy from a | a prior a | application (37 CFR 1 | .63(d) |) (for continuation/di | ivisional application only) | | | |
| c. | \boxtimes | With Power | r of Atto | rney 🗀 Without | t Powe | er of Attorney | | | | |
| d. | | Signed state | tement a | attached deleting inve | :ntor(s |) named in the pric | or application, | | | |
| × | The Box | e entire disclo 4b, is cons | osure of sidered | the prior application, as being part of the | from v | which a copy of the | | | | |
| | CD | ROM or CD- | -R in du | plicate, large table or | Comp | outer Program (App | pendix) | | | |
| | | | | | missic | on (if applicable, al | Il must be included) | | | |
| a. | | Computer F | ∘ Readab! | e Form (CFR) | | | | | | |
| b. | | Specification | n Sequ | ence Listing on: | | | | | | |
| | | i. 🔲 CI | D-ROM | I or CD-R (2 copies); | or | | | | | |
| | | ii. 🔲 Pa | aper | | | | | | | |
| C. | | Statement(s | s) Verify | /ing Identical Paper a | nd Co | mputer Readable (| Сору | | | |
| | | | | Accompanying | g App | lication Parts | | | | |
| | Ass | ignment Pap | ers (co | ver sheet & documen | t(s)) | | | | | |
| | 37 (| OFR 3.73(B) | Statem | ent (when there is an | assigr | nee) | | | | |
| | Eng | ılish Translati | ion Doc | ument (if applicable) | | | | | | |
| \boxtimes | Info | rmation Discl | losure S | Statement/PTO-1449 | | Copies of IDS C | Citations | | | |
| | Preliminary Amendment | | | | | | | | | |
| \boxtimes | Return Receipt Postcard (MPEP 503) (Should be specifically itemized) | | | | | | | | | |
| | Cer | tified Copy of | f Priority | y Document(s) (if fore | ign pri | iority is claimed) | | | | |
| × | Cerl | tificate of Mai | iling | | | | | | | |
| | | First Class | × I | Express Mail (Specify | ⁄ Labe | / No.): EV3310200 | 034US | | | |
| | | | | | | | | | | |
| | a. b. 🛛 a. b. c. d. 🔝 🗆 🖂 🖂 🖂 🖂 | a. | a. | a. | a. ☐ Formal Number of Sheets b. ☒ Informal Number of Sheets ☒ Oath or Declaration a. ☐ Newly executed (original or copy) b. ☒ Copy from a prior application (37 CFR 1 c. ☒ With Power of Attorney ☐ Without d. ☐ DELETION OF INVENTOR(S) Signed statement attached deleting invesee 37 C.F.R. 1.63(d)(2) and 1.33(b). ☒ Incorporation By Reference (usable if Box 4b) The entire disclosure of the prior application, Box 4b, is considered as being part of the incorporated by reference therein. ☐ CD ROM or CD-R in duplicate, large table or ☐ Application Data Sheet (See 37 CFR 1.76) ☐ Nucleotide and/or Amino Acid Sequence Sub a. ☐ Computer Readable Form (CFR) b. ☐ Specification Sequence Listing on: i. ☐ CD-ROM or CD-R (2 copies); ii. ☐ Paper c. ☐ Statement(s) Verifying Identical Paper at Accompanying ☐ Assignment Papers (cover sheet & document ☐ 37 CFR 3.73(B) Statement (when there is an English Translation Document (if applicable) ☐ Information Disclosure Statement/PTO-1449 ☐ Preliminary Amendment ☒ Return Receipt Postcard (MPEP 503) (Should Certified Copy of Priority Document(s) (if fore Certificate of Mailing | a. ☐ Formal Number of Sheets b. ☒ Informal Number of Sheets ☒ Oath or Declaration a. ☐ Newly executed (original or copy) ☐ U b. ☒ Copy from a prior application (37 CFR 1.63(d)) c. ☒ With Power of Attorney ☐ Without Power d. ☐ DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s see 37 C.F.R. 1.63(d)(2) and 1.33(b). ☒ Incorporation By Reference (usable if Box 4b is cheen the entire disclosure of the prior application, from we box 4b, is considered as being part of the disclincorporated by reference therein. ☐ CD ROM or CD-R in duplicate, large table or Compound Application Data Sheet (See 37 CFR 1.76) ☐ Nucleotide and/or Amino Acid Sequence Submissional ☐ Computer Readable Form (CFR) b. ☐ Specification Sequence Listing on: i. ☐ CD-ROM or CD-R (2 copies); or ii. ☐ Paper c. ☐ Statement(s) Verifying Identical Paper and Computer Readable Form (when there is an assign English Translation Document (if applicable) ☐ Information Disclosure Statement/PTO-1449 ☐ Preliminary Amendment ☒ Return Receipt Postcard (MPEP 503) (Should be specificate of Mailing ☐ Certificate of Mailing | a. ☐ Formal Number of Sheets b. ☒ Informal Number of Sheets 5 ☒ Oath or Declaration a. ☐ Newly executed (original or copy) ☐ Unexecuted b. ☒ Copy from a prior application (37 CFR 1.63(d)) (for continuation/d. c. ☒ With Power of Attorney ☐ Without Power of Attorney d. ☐ DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the price see 37 C.F.R. 1.63(d)(2) and 1.33(b). ☒ Incorporation By Reference (usable if Box 4b is checked) The entire disclosure of the prior application, from which a copy of the Box 4b, is considered as being part of the disclosure of the accessincorporated by reference therein. ☐ CD ROM or CD-R in duplicate, large table or Computer Program (Application Data Sheet (See 37 CFR 1.76) Nucleotide and/or Amino Acid Sequence Submission (if applicable, al. a. ☐ Computer Readable Form (CFR) b. ☐ Specification Sequence Listing on: i. ☐ CD-ROM or CD-R (2 copies); or ii. ☐ Paper c. ☐ Statement(s) Verifying Identical Paper and Computer Readable of Accompanying Application Parts ☐ Assignment Papers (cover sheet & document(s)) ☐ 37 CFR 3.73(B) Statement (when there is an assignee) ☐ English Translation Document (if applicable) ☐ Information Disclosure Statement/PTO-1449 ☐ Copies of IDS (2) ☐ Preliminary Amendment ☒ Return Receipt Postcard (MPEP 503) (Should be specifically itemized Certified Copy of Priority Document(s) (if foreign priority is claimed) ☒ Certificate of Mailing | | | |

e,

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Docket No. PENN-0857

Total Pages in this Submission

| 17. | \boxtimes | Applicant claims small entity status. See 37 CFR 1.27. |
|-----|-------------|--|
| | | ☐ (Optional) Small Entity Statement(s) - Specify Number of Statements Submitted: |
| 18. | | Additional Enclosures (please identify below): |
| | | |
| | | |
| | | |
| | | |
| | | Request That Application Not Be Published Pursuant To 35 U.S.C. 122(b)(2) |
| 19. | | Pursuant to 35 U.S.C. 122(b)(2), Applicant hereby requests that this patent application not be published pursuant to 35 U.S.C. 122(b)(1). Applicant hereby certifies that the invention disclosed in this application has not and will not be the subject of an application filed in another country, or under a multilateral international agreement, that requires publication of applications 18 months after filing of the application. |
| | | Warning |
| | | An applicant who makes a request not to publish, but who subsequently files in a foreign country or under a multilateral international agreement specified in 35 U.S.C. 122(b)(2)(B)(i), must notify the Director of such filing not later than 45 days after the date of the filing of such foreign or international application. A failure of the applicant to provide such notice within the prescribed period shall result in the application being regarded as abandoned, unless it is shown to the satisfaction of the Director that the delay in submitting the notice was unintentional. |
| | | |
| | | |

Accompanying Application Parts (Continued)

متريب المعكوب

X.

CC:

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Docket No. PENN-0857

Total Pages in this Submission

| E00 | 2 | | lation | and | Trans | smittal |
|-----|-----|----|--------|-----|--------|---------|
| -ee | Cai | CU | ıatıon | and | ı rans | smittai |

CLAIMS AS FILED For #Filed #Allowed #Extra Rate Fee \$0.00 **Total Claims** 2 -20 =0 \$9.00 \$0.00 Indep. Claims 1 - 3 = 0 \$42.00 \$0.00 Multipl Dependent Claims (check if applicable) **BASIC FEE** \$375.00 \$0.00 OTHER FEE (specify purpose) **TOTAL FILING FEE** \$375.00 ☐ A check in the amount of to cover the filing fee is enclosed. The Director is hereby authorized to charge and credit Deposit Account No. 50-1619 as described below. ☐ Charge the amount of as filing fee. ☑ Credit any overpayment. △ Charge any additional filing fees required under 37 C.F.R. 1.16 and 1.17. ☐ Charge the issue fee set in 37 C.F.R. 1.18 at the mailing of the Notice of Allowance, pursuant to 37 C.F.R. 1.311(b). Dated: July 30, 2003 Kathleen A. Tyrrell Reg. No. 38,350 Licata & Tyrrell P.C. 66 E. Main Street Marlton, NJ 08053 Tel: 856-810-1515

Fax: 856-810-1454

CERTIFICATE OF EXPRESS MAILING

"Express Mail" Label No. EV331020034US Date of Deposit <u>July 30, 2003</u>

I hereby certify that this paper is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R 1.10 on the date indicated above and is addressed to "MAIL STOP PATENT APPLICATION", Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

- Patent Application Transmittal Letter (Small Entity)
 (2 copies);
- 2) Application consisting of 9 pages of Specification, including one (1) page of Claims and one (1) page of Abstract;
- 3) Five (5) sheets of Informal Drawings containing Figures 1a-2c;
- 4) Return Post Card;
- 5) Authorization to charge deposit account in the amount of \$375.00;
- 6) Copy of executed Declaration and Power of Attorney; and
- 7) Information Disclosure Statement.

|Offillik | | . | | M | | KATHLEEN A./TYRREIJ